

ABSTRACT OF THE DISCLOSURE

A common pilot channel-use reverse diffusion unit generates common pilot data using a received digital signal and a common pilot channel-use reverse diffusion code, while an individual channel-use reverse diffusion unit generates individual channel data using the received digital signal and an individual channel-use reverse diffusion code. Power calculating unit converts respective output data items of the common pilot channel-use reverse diffusion unit and the individual channel-use reverse diffusion unit into power values, a larger one of which is then determined by a comparator. A selector unit selects the data item having thus determined larger power value of those output data items of those reverse diffusion units. A channel estimating unit estimates the channel using data symbols of the data item thus selected by the selector unit.

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